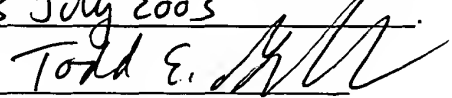


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application : Mark J. Mamula
Serial No. :
Filed :
For : HEREWITH
INDUCTION OF IMMUNE RESPONSES TO
ISOASPARTYL-MODIFIED ANTIGENS
Examiner :
Attorney Docket : 102321-201
Group Art Unit :
Confirmation No. :

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on 03 July 2003.

By


Todd E. Garabedian, Ph.D.
Registration No. 39,197
Attorney for Applicant(s)

INFORMATION DISCLOSURE LETTER

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

The undersigned represents that the closest art of which he is presently aware has been cited herein and understands that this statement shall not be construed as a representation that no better art exists or that a thorough patentability search has been made.

The undersigned further represents that the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

1. International Patent No. WO 97/33612 (IMMUNOTHERAPHY, INC.) 18 September 1997 (1997-09-18).
2. United States Patent No. 5,965,381 (van der BRUGGEN, PIERRE B., ET AL.) 12 October 1999 (1999-10-12).
3. United States Patent No. 5,872,104 (VERMEULEN, NICOLAAS M. J. and SCHWARTZ, DENNIS E.) 16 February 1999 (1999-02-16).
4. United States Patent No. 5,733,540 (LEE, PETER POON-HANG) 31 March 1998 (1998-03-31).
5. United States Patent No. 5,582,831 (SHINITZKI, MEIR) 10 December 1996 (1996-12-10).

Applicant submits that copies of the above-cited references are enclosed herewith.

If the Examiner has any questions or feels that a discussion with Applicant's representative would expedite prosecution, the Examiner is invited and encouraged to contact Applicant's undersigned representative at the telephone number listed below.

Respectfully submitted,

MARK J. MAMULA

Date: 03 July 2003

By: Todd E. Garabedian
Todd E. Garabedian, Ph.D.
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By Todd E. Garabedian
Todd E. Garabedian, Ph.D.
Registration No. 39,197
Attorney for Applicant

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §1.56, the Examiner is respectfully requested to consider the references cited on attached Form PTO-1449. A copy of each reference (if not previously submitted) is enclosed. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- [X] 1. This Information Disclosure Statement is being filed within three months of the U. S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

- ☐ 2. This Information Disclosure Statement is being filed more than three months after the U. S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.
- ☐ a. Each item of information contained on Form PTO-1449 filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(1); and no fee is required under 37 C.F.R. §1.17(p).
- ☐ b. No item of information cited on Form PTO-1449 filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(2); and no fee is required under 37 C.F.R. §1.17(p).
- ☐ Please charge Deposit Account No. 23-1665 in the amount of \$240.00 in payment of the fee under 37 C.F.R. §1.17(p). Two additional copies of this Information Disclosure Statement are enclosed.
- ☐ A check in the amount of \$240.00 is attached hereto in payment of the fee under 37 C.F.R. §1.17(p).
- ☐ 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. It is hereby requested that the Information Disclosure Statement be considered.
- ☐ a. Each item of information contained on Form PTO-1449 filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(1).

- ☐ b. No item of information cited on Form PTO-1449 filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(2).
- ☐ Please charge Deposit Account No. 23-1665 in the amount of \$130.00 in payment of the fee under 37 C.F.R. §1.17(i)(1). Two additional copies of this Information Disclosure Statement are enclosed.
- ☐ A check in the amount of \$130.00 is attached hereto in payment of the fee under 37 C.F.R. §1.17(i)(1).

The undersigned represents that the closest art of which he is presently aware has been cited herein and understands that this statement shall not be construed as a representation that no better art exists or that a thorough patentability search has been made.

The undersigned further represents that the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

Respectfully submitted,

MARK J. MAMULA

Date: 03 July 2003

By: Todd E. Garabedian
Todd E. Garabedian, Ph.D.
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Attorney for Applicant

WIGGIN & DANA LLP
One Century Tower
New Haven, CT 06508-1832

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT			ATTY. DOCKET NO. 102321-201		SERIAL NO. _____	
			APPLICANT: MARK J. MAMULA			
			FILING DATE: HEREWITH		GROUP:	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPR.
	5,965,381	10/12/1999	Bruggen, P.B., et al.	C12N	1/21	
	5,872,104	02/16/1999	Vermeulen, N.M.J, et al.	A61K	31/70	
	5,733,540	03/31/1998	Lec, Peter Poon- Hang	A01N	63/00	
	5,582,831	12/10/1996	Shinitzki, Meir	A61K	39/395	
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION Yes No
	WO 97/33612	09/18/1997		A61K	39/00	
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)						
EXAMINER: /Karen A. Canella, Ph.D./				DATE CONSIDERED: 12/21/2008		
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						
\12520\24\411642.1						

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /KAC/